

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-39. (Canceled)

¹ ~~40~~. (Previously Presented) A method for detecting the presence of prostate cancer in a patient, comprising the steps of:

(a) detecting in a biological sample the level of expression of a mRNA encoding a prostate tumor protein, wherein the prostate tumor protein comprises an amino acid sequence encoded by SEQ ID NO: 107; and

(b) comparing the level of expression detected in the biological sample to a predetermined cut-off value, and thereby detecting the presence or absence of prostate cancer, wherein an increase in the level of expression in the biological sample compared to a non-cancerous sample is indicative of the presence of prostate cancer.

² ~~41~~. (Previously Presented) The method of claim ¹~~40~~, wherein step (a) comprises an amplification reaction.

³ ~~42~~. (Previously Presented) The method of claim ²~~41~~, wherein the amplification reaction is a reverse transcription polymerase chain reaction.

⁴ ~~43~~. (Previously Presented) The method of claim ²~~41~~, wherein the amplification reaction is a transcription-mediated amplification reaction.

⁵ ~~44~~. (Previously Presented) The method of claim ¹~~40~~, wherein the biological sample is blood, sera, urine, biopsies or prostate secretions.